Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1-16 (Cancelled)

17. (Currently Amended) A flowable material handling system for handling flowable materials, comprising a flow development chamber, the flow development chamber comprising:

an outer chamber;

an inner barrel located inside the outer chamber to define a flow space between the outer chamber and the inner barrel;

an inlet plate coupled to the outer chamber, the inlet plate having an inlet opening configured to ~~direct~~ allow flowable material into the flow space between the outer chamber and the inner barrel;

a deflector located downstream of the inlet opening for directing flow tangentially to [[the]] an interior surface of the outer barrel to set-up a flow pattern in the flow space such that a flowable material flowing from the inlet opening into the outer chamber will circulate around the inner barrel and traverse the flow space from the inlet plate toward an outlet end of the outer chamber.

18. (New) The flowable material handling system of claim 17 wherein the inlet plate comprises an end wall of the outer chamber and the deflector is between the outer chamber and the inner barrel.

19. (New) The flowable material handling system of claim 17 further comprising a pipeline coupled to the flow development chamber to convey flowable material through the pipeline to the inlet opening.

20. (New) The flowable material handling system of claim 18 further comprising a pipeline coupled to the flow development chamber to convey flowable material through the pipeline to the inlet opening.

21. (New) The flowable material handling system of claim 17 further comprising a casing, wherein the flow development chamber is located inside the casing.

22. (New) The flowable material handling system of claim 18 further comprising a casing, wherein the flow development chamber is located inside the casing.

23. (New) The flowable material handling system of claim 19 further comprising a casing, wherein the flow development chamber is located inside the casing.

24. (New) The flowable material handling system of claim 17 wherein the flow development chamber is located between and in flow communication with two segments of tubing.

25. (New) The flowable material handling system of claim 17, wherein the outer chamber and the inner barrel are concentric.

26. (New) The flowable material handling system of claim 17, wherein the inner barrel is substantially cylindrical.

27. (New) The flowable material handling system of claim 17, wherein the inner barrel is substantially conical.

28. (New) The flowable material handling system of claim 17, wherein the inner barrel is substantially cylindrical at an inlet end and substantially conical at an outlet end.

29. (New) The flowable material handling system of claim 17, wherein the inlet opening is located along the outer periphery of the inlet plate.

30. (New) The flowable material handling system of claim 17, wherein the deflector comprises a plurality of deflector plates.

31. (New) The flowable material handling system of claim 17, further comprising an accelerating chamber extending concentrically from an outlet end of the outer barrel, the accelerating chamber having a substantially conical interior surface that converges in a downstream direction.

32. (New) The flowable material handling system of claim 19, wherein the pipeline includes a diverter located upstream and adjacent the inlet opening to direct flow through the inlet opening into the flow space.